

REMARKS/ARGUMENTS

Applicant and his agent would like to thank the Examiner for his careful review of the present application. The Examiner's comments have been very helpful in formulating a response, and putting the application in better condition for allowance.

A terminal disclaimer is being filed herewith to overcome the double patenting rejection,

In the specification, paragraph [0062] has been corrected by adding grid lines to Table I. The table was corrupted by scanning in the Patent and Trademark Office. A mark inserted by the Patent and Trademark Office before Table I was also deleted. The paragraph number was obtained by downloading the Patent and Trademark Office copy of the application.

Claims 1-32 remain in this application in amended form.

The claims were amended to emphasize the fact that the present invention is directed to an associated directory associated with each domain name and allows anyone to register in the associated directory. The claims were also amended to recite that each of a plurality of associated directories will contain more than one associated domain name. The claims previously recited one or more associated domain names in each associated directory. The anticipated result will be multiple registrations of the same name in each of a plurality of associated directories. The invention is on line at Virginia Tech. at <http://www.namestarnumber.com/>.

The claims were also amended to recite that the domain names reside in an Internet memory. This is an inherent feature of the Internet. An example of the claim amendment is shown in Claim 1

The preamble of Claim 1, from which all other claims, except claim 32, depend, was amended to recite that the Internet registry system has a memory for Internet names to facilitate computers communicating with other computers using TCP/IP, that the different Internet names reside in an Internet memory and that each name has an IP address. The characterized clause was amended to recite an associated directory having an IP address having a single top level domain and not replacing the IP address of the plurality of different registered domain names and a collection of more than one associated domain names in each associated directory, each associated domain name having the same top level domain name in an Internet memory.

Reconsideration is respectfully requested of the rejection under 35 USC § 112 of claim 1 on the ground that there is insufficient antecedent basis for "the numeric Internet Protocol" in part b. The preamble of claim 1 has been amended to recite "each name having an Internet Protocol (IP) address" to provide the proper antecedent basis.

Reconsideration is also respectfully requested of the rejections under 35 USC § 112 of claims 2 and 12 on the ground that there is insufficient antecedent basis for the term "the secondary domain name owners" in the last line. The body of claims 2 and 12 have both been amended to recite that the domain name owners are "secondary domain" owners.

Reconsideration is also respectfully requested of the rejection under 35 USC § 112 of claim 1 on the ground that the phrase ".....the different domain names in addition to and not replacing..." is vague and indefinite. The present invention is directed to the addition of a directory to each domain name to allow the registration of duplicate or related domain names in the directory. The IP address of each associated directory is different from and does not replace the IP address of each associated conventional registered domain name. The present invention is directed to a directory system which will expand the registration system of the present Internet.

Reconsideration is also respectfully requested of the rejection under 35 USC § 112 of claim 9 on the ground that the phrase "...names contained in each of the directories instead of and not replacing..." is vague and indefinite. The language has been replaced with the phrase "the names in combination with information being in addition to". What we have here are multi tiered directories, each directory associated with a conventional domain name. Each directory contains names in combination with information concerning the owner of each of the names so that a user of the directory can intelligently select the right IP address.

There are three sets of domain names involved here. The first set contains the conventional domain names. The second set contains the domain names of directories. Each directory is associated with each domain name. The third set is located in the directories. Each directory will eventually contain a plurality of associated domain names. What we have is an opening up of the Internet.

Reconsideration is also respectfully requested of the rejection of Claim 28 on the ground that it appears to be a method of steps claimed as an "improvement" to a system. Claim 28 has been amended to convert the method steps to product by process steps using the language "a registry component produced by".

Reconsideration is also respectfully requested of Claims 1, 9, 11, 20, 23 and 32 under 35 U.S.C 101 because the claimed invention is directed to non-statutory. The Examiner contends that they are directed to data structure that is not associated with hardware and is nonfunctional descriptive language.

The Internet by its very nature contains a huge number of domain names in physical memory. Claim 1 has been amended to recite "having a memory for Internet names to facilitate computers communicating with other computers using TCP/IP—". Claims 9, 11, 20 and 23 are dependent upon Claim 1. Claim 32 has essentially the same language.

The claims as amended are directed to using the memory system of the Internet to include directories associated with domain names and the registration of additional domain names in the directories. This overcomes the problem of domain names being already taken and unused domain names being registered as investments or for ransom. The claims as amended recite functional language associated with hardware.

Reconsideration is also respectfully requested of Claim 8 under 35 U.S.C. 101 on the ground that the claimed invention is directed to non-statutory subject matter.

Claim 8 is dependent on claim 1 which has been amended to recite hardware containing software, thus overcoming the non-statutory subject matter rejection.

The present invention is directed to the Internet which has many specific data structures stored in memories. After the present invention is implemented, the Internet will have many more specific data structures stored in memories, as the present invention opens up the bottleneck which plagues the Internet.

Reconsideration is also respectfully requested of the rejection of claims 1-5 on the grounds of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-5 of U.S. Patent 6,412,014.

A terminal disclaimer is being filed with this amendment disclaiming any term exceeding that of the patent and agreeing not to separately assign the two inventions.

The Examiner is requested to reconsider his Examiner's note regarding claims 1, 9, 11, 20, 23, 28 and 32. As best understood by the Examiner, they disclose a domain name registration system that allows different entities to register domain names under the same name within a directory.

The claims have been amended to recite more than one associated domain name is each associated directory and that the associated domain names have the same top level domain name as the associated directory.

Reconsideration is respectfully requested of the rejection of Claims 1-4, 6-7, 9 and 32 under 35 U.S.C. 102(e) as being anticipated by Broadhurst (US Patent 6,560,634).

Broadhurst is directed to registering one associated domain name in combination with a plurality of different top level domain names. Claims 1 and 32 of the present invention have been amended to recite registering a plurality of associated domain names in combination with a single top level domain name. This clearly avoids the 102 rejection.

Reconsideration is also respectfully requested of the rejection of claims 5, 8, 10-19 under 35 U.S.C. 103(a) as being unpatentable over Broadhurst in view of Paltridge.

The present invention, as claimed in the amended claims, is directed to registering a plurality of associated domain names in a single associated directory. The single associated directory is associated with a registered domain name and allows additional related or same domain names to be registered, thus expanding the capacity of the Internet to put additional domain names in its physical memories. This is nowhere suggested by Broadhurst and/or Paltridge. Paltridge is directed to adding more top level domains. This is discussed in the present application as an unsatisfactory solution.

Reconsideration is also respectfully requested of the rejections of claims 20-22 under 35 U.S.C. 103(a) as being unpatentable over Broadhurst in view of Kelly (US Pat. 6,347,085).

Neither Broadhurst or Kelly or the combination thereof remotely suggest the association of a directory with each registered domain name and the addition of a plurality of associated domain names to each associated directory. Kelly is directed to using the Internet for telephone communications.

Reconsideration is also respectfully requested of the rejection of claims 23-31 under 35 U.S.C. 103(a) as being unpatentable over Broadhurst in view of Quigley.

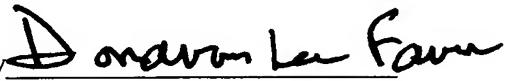
Neither Boadhurst or Quigley or the combination thereof remotely suggest the association of a directory with each registered domain name and the addition of a plurality of associated domain names to each associated directory.

To further distinguish the present invention from Quigley, claim 23 has been amended to recite that the added characters are not normally used in domain names.

The prior art made of record and not relied upon has been given a fast review, and considered not to be pertinent to the newly amended claims.

For an example of the present invention and the Inventor's comments concerning it, go to <http://namestarnumber.com>.

Respectfully submitted

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, Alexandria, VA 22313 on .14 April 2008.

Signature


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